

Colorado Department
of Public Health
and Environment

EPA000815

WATER QUALITY DATA

Water Lab No. 952297Colorado Department of Health
Water Quality Control Division

DISCHARGE SAMPLE

Bacti Lab No. _____

Rec'd By: 92

Name of Sampling Location:

RICO - 001SC: CO-0029793

County:

DOLORIS

Name of Sampler:

JESS VANN

River Sample: Circle if Apply

Complete Incomplete Special

Date and Time Collected:

9505241155
Y Y M M D D Hrs. Min.

If Composite Sample:

Hrs. Min. To Hrs. Min.

Date Received in Water Lab:

950525
Y Y M M D D Hrs. Min.

Date Reported:

950622 9w
Y Y M M D DRemarks RICO DEVELOPMENT
CORP. - ST. LOUISTUNNEL MINE and MILL SITE.MAJOR INDUSTRIALCompliance Samples collected
AT EFFLUENT FLUME-001

P60 STREAM FLOW (cfs)

1.175

P1002 ARSENIC (ug/l)

1.175

P1067 NICKEL (ug/l)

1.175

P50050 DISCHARGE FLOW (MG/D)

1.175 DURING
SAMPLING

P945 SULFATE (mg/l)

1.175

P1147 SELENIUM (ug/l)

1.175

P11 TEMPERATURE (F°)

49

P665 T-PHOS as P (mg/l)

49

P1077 SILVER (ug/l)

49T.R.

P400 pH (Standard Units)

7.2

P70507 ORTHO PHOS as P (mg/l)

7.2

P1092 ZINC (ug/l)

7.2T.R.

P299 DO (mg/l)

7.2P900 T-HARDNESS as CaCO₃ (mg/l)7.2

P1034 T-CHROMIUM (ug/l)

7.2

P50060 TRC (mg/l)

7.2

P1012 BERYLLIUM (ug/l)

7.2

P1032 HEX. CHROMIUM (ug/l)

7.2P410 T-ALK as CaCO₃ (mg/l)7.2

P1027 CADMIUM (ug/l)

7.2T.R.

P22703 URANIUM-Natural (ug/l)

7.2

P556 O & G (mg/l)

10.0 VISUAL

P1022 BORON (ug/l)

10.0

P1501 GROSS ALPHA (pc/l) P1502

10.0

P31615 F-COLI. (per 100 ml)

10.0

P1042 COPPER (ug/l)

10.0T.R.

P9503 GROSS BETA (pc/l) P9504

10.0

P310 BOD (mg/l)

10.0

P1045 IRON (ug/l)

10.0

P3501 DIS. RAD.-226 (pc/l) P3502

10.0

P530 TSS (mg/l)

10.0

P1051 LEAD (ug/l)

10.0T.R.

P81366 DIS. RAD.-228 (pc/l) P81367

10.0

P70300 TDS (mg/l)

10.0

P1055 MANGANESE (ug/l)

10.0

P610 AMMONIA as N (mg/l)

10.0

P95 COND (micromhos)

10.0

P71900 MERCURY (ug/l)

10.0

P625 TKN as N (mg/l)

10.0

P720 T-CYANIDE (mg/l)

10.0

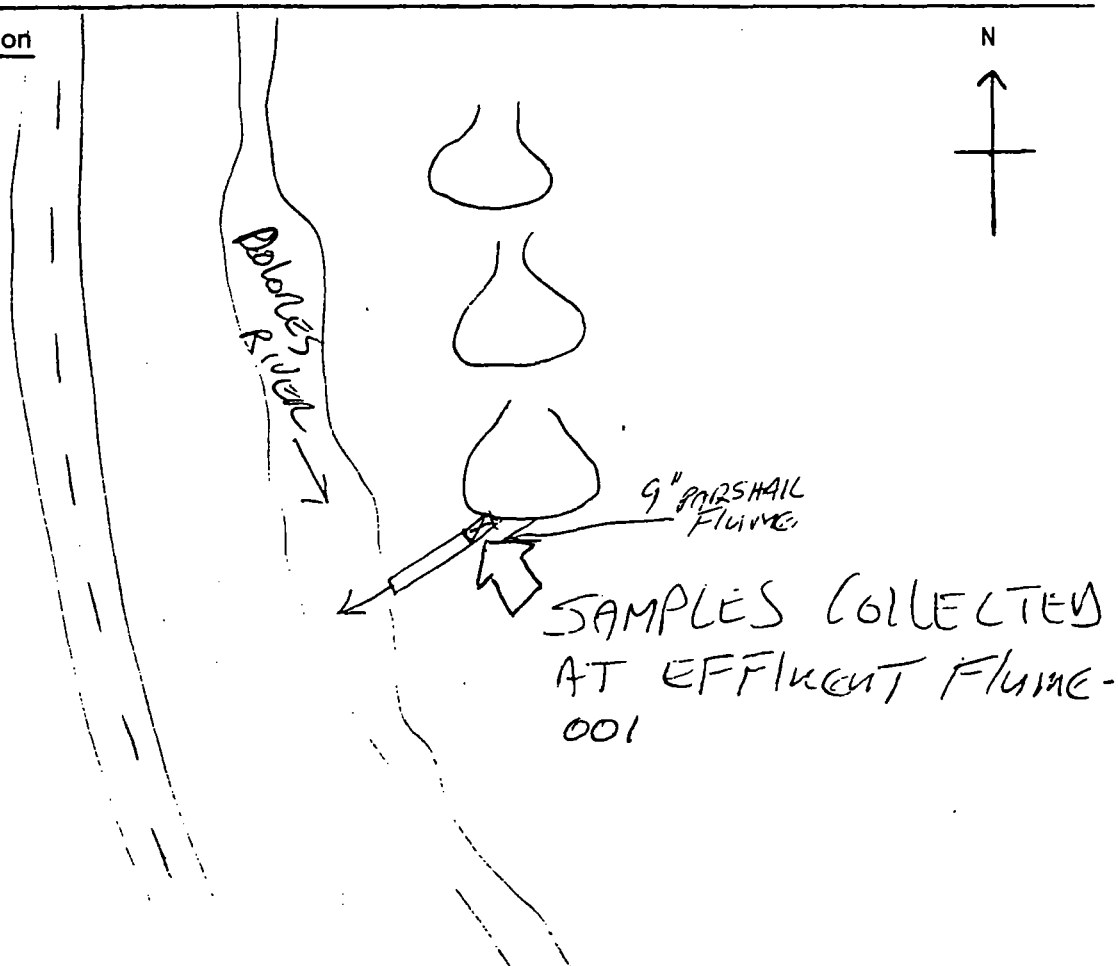
P1062 MOLYBDENUM (ug/l)

10.0

P630 NITRITE/NITRATE as N

10.0

P615 NITRITE as N (mg/l) [][][][]	P937 POTASSIUM (mg/l) [][][][]	
P620 NITRATE as N (mg/l) [][][][]	P1105 ALUMINUM (ug/l) [][][][][]	
P340 COD (mg/l) [][][][]	EFFLUENT FLOW MEASURING DEVICE: 9" PARSHALL FLUME 0.71 FT =	
P940 CHLORIDE (mg/l) [][][][]		
P951 FLUORIDE (mg/l) [][]		
P32730 PHENOL (ug/l) [][][][]		

Sketch of Sampling Location

Stream or Plant Condition

Sample Appearance

Weather

ENFORCEMENT MONITORING FACT SHEET

1. Name of Entity: RICO DEVELOPEMENT CORP.
2. Permit #: CD-0029793
3. Date of Contact: 05-24-95
4. Time of Contact: 11:35 hrs
5. Person contacted (name & title): DAVID SELL, LEGAL CONTACT
6. Phone No. where he can be reached: 867-2332
7. Contacted by: JESS VANN
8. Date of Scheduled Sampling: 05-24-95
9. Does Representative of Entity Wish to be Present? NO
10. If so, what is his name, title and phone number? N/A
11. Do they wish to split samples? YES
12. If so, will they provide container? CDIT CONTAINERS
13. What arrangements have been made to meet representative and/or gain entrance to the facilities: TALKED TO ATTORNEY, DAVID SELL, BY PHONE.
14. Parameters to be monitored: BOD _____ Suspended Solids X D.O. _____ pH 7.254
Fecal Coliform _____ Temperature 49°F Turbidity _____ Chlorine Residual _____
Oil & Grease X OTHERS (list): TOTAL RECOVERABLE CADMIUM, COPPER, LEAD, SILVER AND ZINC.
15. Type of sample (grab or composite, describe)?
GRAB SAMPLES
16. Special containers or preservatives? METALS/ IN PLASTIC CONTAINER W/ ACID (HNO₃).
ALL SAMPLES ICED.
17. Persons present during sampling (names & titles):
JESS VANN, ENGINEERING TECH, CDPH&E, WQCD
18. Was sample split? YES
19. Who received or denied split (name & title)? LEFT SPLIT AT HOME OF GRADY LEVELL IN TOWN OF RICO.
20. Disposition of sample after collection: SAMPLES REMAINED IN MY CUSTODY UNTIL DELIVERED TO THE UPS TERMINAL IN MONTROSE AND SEALED

received intact 5/25/95 - Anette LeHuff

REMARKS:

Compliance Samples collected AT EFFLUENT FLYING-001.

Note: If laboratory analysis of the above mentioned sample indicates a violation of the "Water Quality Control Act," these results may be used, in the future, for enforcement actions.

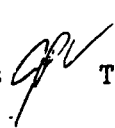
Signature of sampler:

Jess Vann
05-24-95

WASTEWATER TREATMENT FACILITY
INSPECTION REPORT

Code: N CDPS/NPDES: CO-0029793 YR/MO/DAY: 05/24/95 INSP. TYPE: S INSPECTOR: S FAC. TYPE: C
Rating: BI: S QA: CO: 17 RIVER BASIN: Dolores Seg: 2
Receiving Water: Dolores River Class: HQ1 2 ; R1 2 X; AL1C X W ; AL2C W ; WS X; AG X
DES FACILITY MEET PERMIT REQUIREMENTS: Areas Evaluated: Permit Records Site Review
Flow Mea. Lab. Effluent/Rec. Waters Pretrtmt. Comp. Sched. Self-Monitoring
& M Sludge Disp. Other
Facility Name: Rico Development Corp. Permit Effective Date: 02/01/94
Location: St. Luis Tunnel 1/4 mile north of Town Permit Expires Date: 01/31/99
Mailing Address: P.O. Box 130, Rico, CO 81332 Facil. Phone: (303)967-2152
Operator in Charge: Wayne E. Webstar Class & #: None Fac. Class: C # of Operators: 1
Legal Contact: David L. Sell Phone: (602)837-1580
Total Budget: \$ 0 Salaries: \$ 0 Utilities: \$ 0 Maintenance: \$ 0
Chemicals: \$ 0 Sludge: \$ 0 Other: \$ 0 Cost/1,000Gal.: 0.000
Total Taps: 0 Industrial Taps: 0 Pop. Eq. Served: 0 Industrial PE: 0
No. of Lift Stations: 0 I/I Program in Place: I/I Problem (>120 gpcpd):
DESIGN CAPACITY Hydraulic: 2.600MGD Organic: 0lb BOD/day Capacity Used: Hyd 0%
PRESENT LOADING Hydraulic: 0.000MGD Organic: 0lb BOD/day Org 0%
TMT. UNITS: BS MBS Com Gr PC AS TF RBC SBR SC AnDig AerDig FiPr
3 UV Cl2 DeCl2 Fi Coag PP Lag 9 ALag LA Other Lime Precip.
Type, Capacity & Location of Flow Measuring Equipment: 9" effluent Parshall flume
Accurate: T Date of Last Calibration: / / DMRs Correctly Completed: Sampling per Permit:
List Analysis Done on Site: On-Site Analysis by Approved Procedures:
Contract Lab Name: Samples Properly Preserved: Disch Points Permitted:
RECORDS ON SITE Permit DMRs Flow Lab Sheets Budget O&M Manual As Built P&S
Sludge Disposed and Sampled Properly: Meeting Compliance Schedule: Annual Report Submitted:
Compliance samples collected for the following effluent
parameters: TSS, Total Recoverable Cadmium, Copper, Lead,
Silver, and Zinc. Field tested for pH.

Inspector Name Jess Vann

Initials 

Title Engineering Tech

Phone (303)248-7150

EPA000819

COLORADO DEPARTMENT OF HEALTH
INORGANIC CHEMISTRY LABORATORY
4210 E 11TH AVE. DENVER, CO 80220
(303)691-4726

DATE: 06 20 95
REPORTED BY: MS

SAMPLE NUMBER: 952297
SAMPLE DESCRIPTION: RICO DEVELOPMENT CORP.

ADDRESS :

COUNTY: DLR
PHONE : C

COLLECTED BY: JESS VANN
WHERE: EFFLUENT FLUME-001
DATE SAMPLED: 05/24/95
DATE RECEIVED: 05/25/95
BOTTLES: LM, LNEUT
TYPE: 4
COMMENTS:

ANALYSIS RESULTS

CADMIUM	5.5	ug/L
COPPER	12	ug/L
LEAD	< 1	ug/L
SILVER	< 0.2	ug/L
SOLIDS, SUS.	< 10	mg/L
ZINC	690	ug/L